

11/30/99 am

PERMIT

SEWAGE DISPOSAL SYSTEM

DEPARTMENT OF HEALTH AND MENTAL HYGIENE

P 5/3109

A 510138-B

04-361768

DISTRICT _____

HOWARD COUNTY HEALTH DEPARTMENT
BUREAU OF ENVIRONMENTAL HEALTH
~~XXXXXXXX~~ 410-313-2640

DATE 11/8/99

INDEXED

DATE SYSTEM APPROVED 11/30/99

INSPECTOR *R. J. ...*

D & W Excavating Contractors, Inc. IS PERMITTED TO INSTALL ALTER

ADDRESS 3033 Salem Bottom Road, Westminster, MD 21157 PHONE 410-875-2195

SUBDIVISION Warfield Property LOT 4 ROAD 2531 Daisy Road

PROPERTY OWNER Thomas B. Carroll

ADDRESS _____

SEPTIC TANK CAPACITY 1250 GALLONS

NUMBER OF BEDROOMS 4

180 SQUARE FEET PER BEDROOM

LINEAR FEET OF TRENCH REQUIRED 240

TRENCHES - Trench to be 3 feet wide. Inlet 4.0 feet below original grade. Bottom maximum depth 6.0 feet below original grade. Effective area begins at 4.0 feet below original grade. 2.0 feet of stone below distribution pipe.

LOCATION - As seen when facing the house from the driveway begin trenches 85 feet up the right and 25 feet off that same lot line. Run trenches on contour toward the front (150.00') lot line.

NOTES - No trench to exceed 100 feet in length. Provide 6" - 8" diameter cleanout and cap to grade or above on septic tank. *OK/MR*

PLANS APPROVED BY Amy McMillen DATE 6-29-1999

COVER NO WORK UNTIL INSPECTED AND APPROVED

NEITHER THE HOWARD COUNTY COUNCIL NOR THE HEALTH DEPARTMENT IS RESPONSIBLE FOR THE SUCCESSFUL OPERATION OF ANY SYSTEM

NOTE: CLEANOUT REQUIRED EVERY 70 FEET OF SEWER LINE AND/OR AT 90° SWEEPS IN LINES FROM HOUSE TO DRAIN FIELDS. 90° ELBOWS NOT ACCEPTABLE.

NOTE: ALL PARTS OF SEPTIC SYSTEMS (I.E. TANK, DISTRIBUTION BOX TRENCHES) TO BE 100 FEET FROM WELL (UNLESS OTHERWISE SPECIFICALLY AUTHORIZED)

NOTE: IF DEEP TRENCH(ES) ARE USED CALL FOR INSPECTION BEFORE AND AFTER PLACING GRAVEL IN TRENCH(ES)

NOTE: NO DRY WELL SHALL EXCEED 15 FOOT IN DIAMETER NO ABSORPTION TRENCH TO EXCEED 100 FEET IN LENGTH

NOTE: ALL PIPE FROM HOUSE TO SEPTIC TANK MUST BE CAST IRON OR SCHEDULE 35/40 PVC OR ABS

PERMIT VOID AFTER TWO YEARS

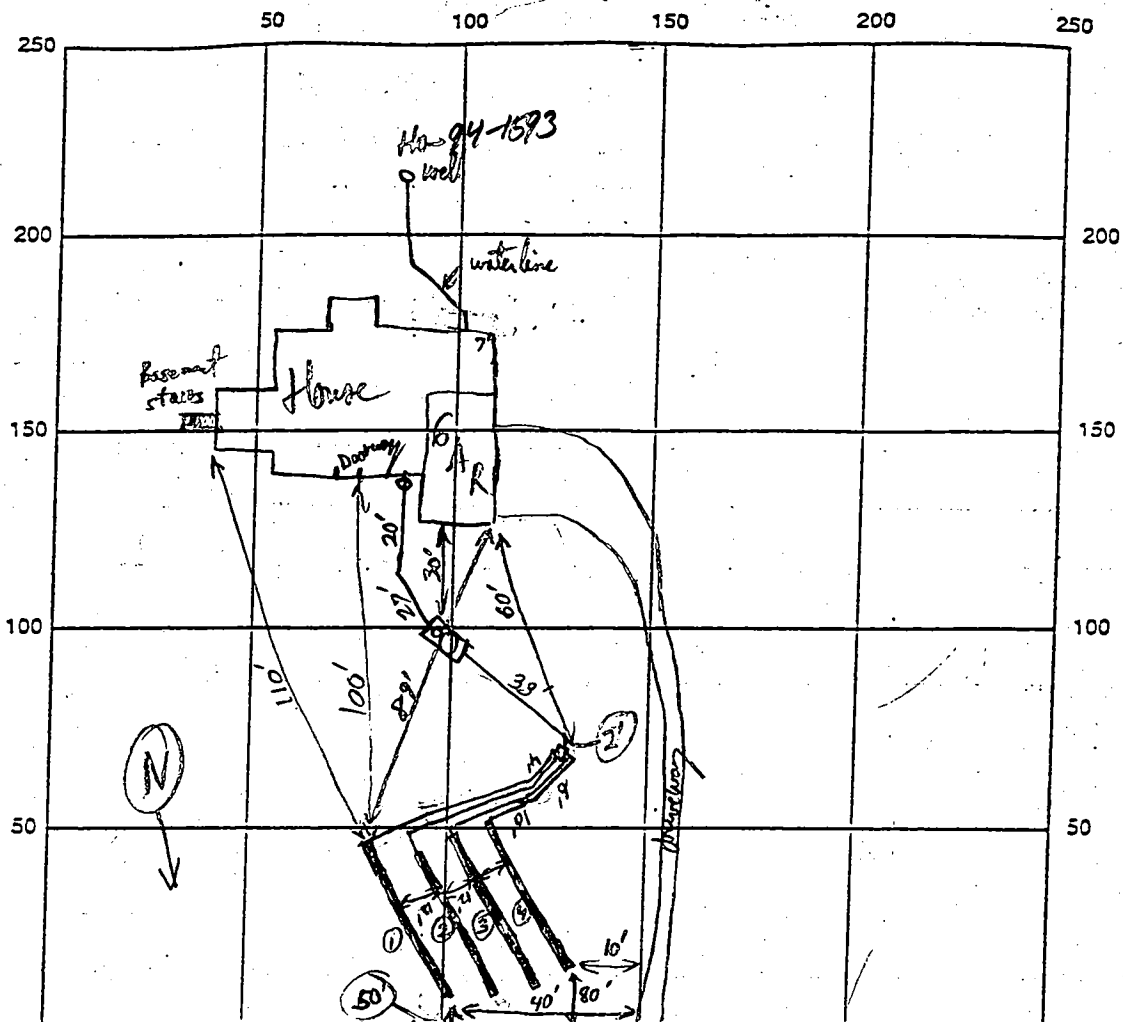
NOTE: INSTALL STAND PIPE ON SEPTIC TANK AND DRY WELL STAND PIPES MUST BE 6 INCHES IN DIAMETER CAST IRON, CONCRETE OR TERRA COTTA OR PVA OR ABS ACCEPTED. IF TOP OF SEPTIC TANK IS DEEPER THAN 3 FEET, MANHOLE TO GRADE REQUIRED.

NOTE: DISTRIBUTION BOXES MUST HAVE BAFFLES

***INSTALLER IS RESPONSIBLE FOR OBTAINING FINAL APPROVAL ON THIS PERMIT**

*CALL 461-9933 FOR INSPECTION OF SEPTIC SYSTEM.

510138-B



INDICATE NORTH NAME ADJOINING ROADWAY AS BASE LINE → to Drivng Rd
 (5'x8') common ocean frontage

SEPTIC TANK LEVEL 1250 gal Mid Seamed CLEANOUTS S.T. Cleanout & Manhole lines (27" High)
 DISTRIBUTION BOX LEVEL ✓ (all 4 lines to auto headers) OK
 DRAIN FIELD/TITLE DEPTH _____ FT. TRENCH WIDTH 3 FT. INLET DEPTH 4' FT.
 EFFECTIVE GRAVEL DEPTH 2 FT. TOTAL LENGTH 56/58/62/64 FT.
 NUMBER OF TRENCHES _____ ONE SIDEWALL/BOTTOM AREA _____ SQ. FT.
 DRYWALL INSIDE DIAMETER _____ FT. EFFECTIVE DEPTH BELOW INLET _____ FT.
 ABSORBENT AREA _____ SQ. FT.

REMARKS: S.T. ok to cover, please connect OK ✓, Trenches & all piping OK to cover. R/P 11/30/99

WPI - piths chapter ok 3 1/2 ft, 2 pipe cap + PVC cadast wire OK R/P 11/30/99
 DATE SYSTEM APPROVED 11/30/99 INSPECTOR R/P [Signature]

C1 9787

SEQUENCE NO. (MDE USE ONLY)

STATE OF MARYLAND WELL COMPLETION REPORT

THIS REPORT MUST BE SUBMITTED WITHIN 45 DAYS AFTER WELL IS COMPLETED.

(THIS NUMBER IS TO BE PUNCHED IN COLS. 3-6 ON ALL CARDS)

COUNTY NUMBER A510138 B

ST/CO USE ONLY DATE RECEIVED 9/3/98

DATE WELL COMPLETED 9 1 98

Depth of Well 22 345 26 (TO NEAREST FOOT)

PERMIT NO. FROM "PERMIT TO DRILL WELL" Ho-94-1593

OWNER Phelps James STREET OR RFD Unity Rd. TOWN Lisbon SUBDIVISION Warfield Prop SECTION LOT 2

WELL LOG Not required for driven wells

STATE THE KIND OF FORMATIONS PENETRATED, THEIR COLOR, DEPTH, THICKNESS AND IF WATER BEARING

Table with columns: DESCRIPTION (Use additional sheets if needed), FEET (FROM, TO), check if water bearing. Rows: Brown Shale 0 105, Blue Rock 105 345 ✓

GROUTING RECORD yes no

WELL HAS BEEN GROUTED (Y) (N) TYPE OF GROUTING MATERIAL (Circle one) CEMENT (CM) BENTONITE CLAY (BC) NO. OF BAGS 30 NO. OF POUNDS 2820 GALLONS OF WATER 180 DEPTH OF GROUT SEAL (to nearest foot) from 0 ft. to 100 ft.

CASING RECORD casing types insert appropriate code below (ST) STEEL (CO) CONCRETE (PL) PLASTIC (OT) OTHER

MAIN CASING TYPE (ST) Nominal diameter top (main) casing (nearest inch)! 6 Total depth of main casing (nearest foot) 109

OTHER CASING (if used) diameter inch depth (feet) from to

SCREEN RECORD screen type or open hole (ST) STEEL (BR) BRASS (PL) PLASTIC (HO) OPEN HOLE (OT) OTHER

DEPTH (nearest ft.)

Table with columns: E, A, C, H, S, C, R, E, N. Rows: 1 Ho 107 345, 2, 3

DIAMETER OF SCREEN (NEAREST INCH) 56 60 from to

GRAVEL PACK IF WELL DRILLED WAS FLOWING WELL INSERT F IN BOX 68

MDE USE ONLY (NOT TO BE FILLED IN BY DRILLER) T (E.R.O.S.) W Q

TELESCOPE CASING LOG INDICATOR OTHER DATA

C3 PUMPING TEST

HOURS PUMPED (nearest hour) 3 PUMPING RATE (gal. per min.) 4 METHOD USED TO MEASURE PUMPING RATE Bucket WATER LEVEL (distance from land surface) BEFORE PUMPING 47 ft. WHEN PUMPING 275 ft. TYPE OF PUMP USED (for test) (S) submersible

PUMP INSTALLED DRILLER WILL INSTALL PUMP (CIRCLE) (YES or NO)

IF DRILLER INSTALLS PUMP, THIS SECTION MUST BE COMPLETED FOR ALL WELLS

TYPE OF PUMP INSTALLED PLACE (A,C,J,P,R,S,T,O) IN BOX 29

CAPACITY: GALLONS PER MINUTE (to nearest gallon) 31 35

PUMP HORSE POWER 37 41

PUMP COLUMN LENGTH (nearest ft.) 43 47

CASING HEIGHT (circle appropriate box and enter casing height) (+) above (2) LAND SURFACE (2) (nearest foot)

LOCATION OF WELL ON LOT SHOW PERMANENT STRUCTURE SUCH AS BUILDING, SEPTIC TANKS, AND/OR LANDMARKS AND INDICATE NOT LESS THAN TWO DISTANCES (MEASUREMENTS TO WELL)



NUMBER OF UNSUCCESSFUL WELLS: 0

WELL HYDROFRACTURED (Y) (N)

CIRCLE APPROPRIATE LETTER A A WELL WAS ABANDONED AND SEALED WHEN THIS WELL WAS COMPLETED E ELECTRIC LOG OBTAINED P TEST WELL CONVERTED TO PRODUCTION WELL

I HEREBY CERTIFY THAT THIS WELL HAS BEEN CONSTRUCTED IN ACCORDANCE WITH COMAR 26.04.04 "WELL CONSTRUCTION" AND IN CONFORMANCE WITH ALL CONDITIONS STATED IN THE ABOVE CAPTIONED PERMIT, AND THAT THE INFORMATION PRESENTED HEREIN IS ACCURATE AND COMPLETE TO THE BEST OF MY KNOWLEDGE

DRILLERS LIC. NO. 1 MSD024 DRILLERS SIGNATURE (MUST MATCH SIGNATURE ON APPLICATION)

LIC. NO. 1 M D

SITE SUPERVISOR (sign. of driller or journeyman responsible for sitework if different from permittee)

B 6790

SEQUENCE NO. (MDE USE ONLY)

STATE OF MARYLAND PERMIT TO DRILL WELL please print or type

STATE PERMIT NUMBER

HO-94-1593 fill in this form completely

Date Received (APA)

06 17 98

OWNER INFORMATION

Phelps James 3440 Ellicott Center Dr. Suite 105 Ellicott City Md. 21043

Howard LOCATION OF WELL

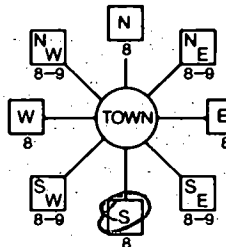
Warfield Property SECTION LOT 2 Lushon

MILES FROM TOWN (enter 0 if in town) 5

DRILLER INFORMATION

Joseph R. Wayne MS DZ 4 Joseph R. Wayne Well Drilling 5512 Ridge Rd. Mt. Airy, Md. 21771

DIRECTION OF WELL FROM TOWN (CIRCLE BOX)



Daisy Rd. NEAR WHAT ROAD

ON WHICH SIDE OF ROAD (CIRCLE APPROPRIATE BOX) DISTANCE FROM ROAD 580

WELL INFORMATION

APPROX. PUMPING RATE 5 AVERAGE DAILY QUANTITY NEEDED 500

NOT TO BE FILLED IN BY DRILLER HEALTH DEPARTMENT APPROVAL

Howard Co A 510138B COUNTY NAME COUNTY NO. STATE SIGNATURE DATE ISSUED 06/17/98 A W. Melle 6/17/99

USE FOR WATER (CIRCLE APPROPRIATE BOX)

- DOMESTIC POTABLE SUPPLY & RESIDENTIAL IRRIGATION FARMING (LIVESTOCK WATERING & AGRICULTURAL IRRIGATION) INDUSTRIAL, COMMERCIAL, DEWATERING PUBLIC WATER SUPPLY WELL TEST, OBSERVATION, MONITORING GEO-THERMAL

APPROXIMATE DEPTH OF WELL 300 FEET

APPROXIMATE DIAMETER OF WELL 6 INCH

METHOD OF DRILLING (circle one)

BORED (or Augered) JETTED Jetted & DRIVEN AIR-ROTary AIR-PERCussion ROTARY (Hydraulic Rotary) CABLE REVerse-ROTary Drive-POINT

REPLACEMENT OR DEEPEMED WELLS (CIRCLE APPROPRIATE BOX)

- THIS WELL WILL NOT REPLACE AN EXISTING WELL THIS WELL WILL REPLACE A WELL THAT WILL BE ABANDONED AND SEALED THIS WELL WILL REPLACE A WELL THAT WILL BE USED AS A STANDBY-CONTACT LOCAL APPROVING AUTHORITY FOR POLICY ON STANDBY WELLS THIS WELL WILL DEEPEM AN EXISTING WELL

PERMIT NUMBER OF WELL TO BE REPLACED OR DEEPEMED (IF AVAILABLE)

Not to be filled in by driller (MDE OR COUNTY USE ONLY)

APPROP. PERMIT NUMBER GAP

PERMIT No. HO-94-1593

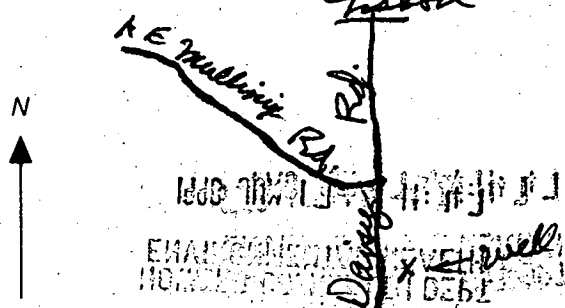
SHOW MAJOR FEATURES OF BOX & LOCATE WELL WITH AN X

SOURCES OF DRILLING WATER 1. WELL

WRITE THE BOX NUMBER FROM THE MAP HERE

E 7802 N 5305

DRAW A SKETCH BELOW SHOWING LOCATION OF WELL IN RELATION TO NEARBY TOWNS AND ROADS AND GIVE DISTANCE FROM WELL TO NEAREST ROAD JUNCTION



SPECIAL CONDITIONS

NOTE - APPROVING AUTHORITIES SHOULD USE SEPARATE SHEET IF NEEDED

PROPERTY OF
LOUISE STUMP AND
THE ESTATE OF FRANCES W. MCKINNEY
LIBER 2039, FOLIO 45

PROPERTY OF
ROBER M. WARFIELD
LIBER 2039, FOLIO

S 85° 33' 12" E

480.00'

S 73° 30' 23" E

GnB2

Ha

EXISTING FENCE

500

ChB2

EXISTING TREE LINE

RESIDUE

A

C

B

400

402

LOT 1

100'

LOT 2

100'

500

G1B2

408

406

407

hC2

EXISTING FENCE

100'

6/2/98
No call site
OK as stated
Aul 561.58

475

G1D2

475

720.00

1500

11242.00
11242.00

HOWARD COUNTY HEALTH DEPARTMENT
Bureau of Environmental Health
3525-H Ellicott Mills Drive
Ellicott City, MD 21043
461-9933

APPLICATION FOR PITLESS ADAPTER, WELL PUMP AND PRESSURE TANK INSTALLATION

New Installation
Replacement

Receipt # _____
Date _____

Name of Installer Gartland Plumbing inc

Telephone 410-875-5303

License Number 6352

Certified Well Pump Installer _____ Well Driller _____ Registered Plumber

Name of Property Owner Garroll Thomas

Telephone 410-531-0964

Subdivision Robt Warfield Lot # _____

Well Tag # HO-94-1593

Site Address 2531 Daisy Rd

Pump

1. Type
a. Deep well jet _____
b. Shallow well jet _____
c. Submersible

Motor

1. Horsepower 3/4
2. RPM 3450
3. Voltage _____
a. 110 _____
b. 220

Pitless Adapter

1. Make Holyard
2. Model # P-100-LT
3. Depth 48"

2. Make Golds

3. Model # 2GS

4. Capacity 2 GPM

5. Pump exceeds well capacity Yes _____ No

6. If Yes, is low pressure cutoff switch installed? Yes _____ No _____

7. What methods are used to protect the pump and electrical wiring from vibrations? Torque arrestors _____ Cable guards _____ Other

Tank

1. Capacity 1-250
2. Pressure relief valve? Yes

Piping

1. Type Poly
2. Size 1"
3. NSF and/or BOCA Code approved Yes
4. Depth of supply line 48"

Well data

1. Depth 265 ft.
2. Yield 10 GPM
3. Static water level 80 ft.
4. Will water supply be disinfected by installer? NO

I understand that it is my responsibility to notify the Howard County Health Department when the installation is ready for inspection (otherwise this permit is null and void).

All information given above is true to the best of my knowledge.

11/20/99
WPI OK RJP SKH

Signature of Applicant: _____

Date: 2-19-00

Note: A sticker indicating approval/status of the installation will be placed on the well casing at the time of the inspection.

GENERAL NOTES:
 1) THIS PLAT IS PREPARED FOR THE BENEFIT OF THE CLIENT SIGNING THE HOUSE LOCATION SURVEY APPROVAL FORM INsofar AS IT IS REQUIRED BY A LENDER OR TITLE INSURANCE COMPANY OR ITS AGENTS IN CONNECTION WITH THE CONTEMPLATED TRANSFER, FINANCING OR RE-FINANCING UNLESS INDICATED AS BEING A BOUNDARY SURVEY, THIS PLAT IS NOT INTENDED FOR USE IN THE ESTABLISHMENT OF PROPERTY LINES AND IS NOT TO BE RELIED UPON FOR THE ESTABLISHMENT OR LOCATIONS OF FENCES, GARAGES, BUILDINGS OR OTHER EXISTING OR FUTURE IMPROVEMENTS AS A RESULT, THIS PLAT DOES NOT PROVIDE FOR ACCURATE IDENTIFICATION OF PROPERTY LINE, BUT SUCH IDENTIFICATION MAY NOT BE REQUIRED FOR THE TRANSFER OF TITLE OR SECURING FINANCING OR RE-FINANCING.
 2) SUBJECT PROPERTY IS SHOWN IN ZONE C ON THE NATIONAL FLOOD INSURANCE PROGRAM FLOOD INSURANCE RATE MAP OF HOWARD COUNTY, MARYLAND, COMMUNITY PANEL No. 240044-0013 B, EFFECTIVE DATE: DEC. 4, 1986.
 3) THE OFFSETS FROM BUILDING LINE TO PROPERTY LINE AS SHOWN ON THE PLAT HEREON ARE TO AN ACCURACY OF 1' PLUS OR MINUS (4)



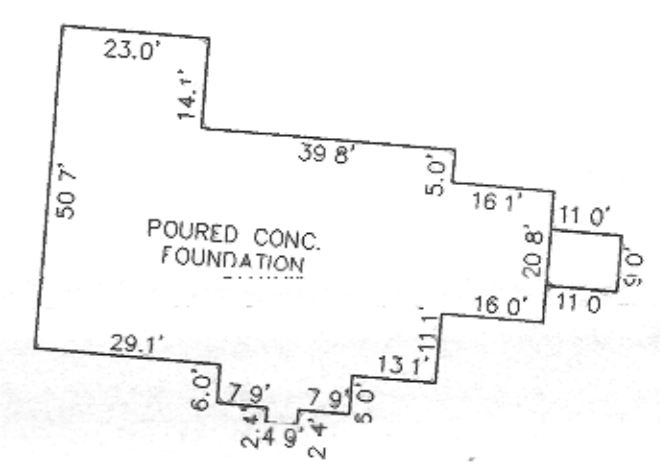
DAISY ROAD
 (Major Collector)

Section 16119(f)(3) Of The Subdivision And Land Development Regulations Allows A Single Use-In-Common Driveway For Both Lots And The Property Residue

PROPERTY OF LOUISE J. WARD AND THE ESTATE OF FRANCES A. WARD WIFE OF LOUISE J. WARD, DECEASED

PROPERTY OF ROBERT W. WARFIELD, DECEASED

Private Use-In-Common Access Easement Across The Residue Property For The Use And Benefit Of Lots 3, 4 And The Residue Property. Maintenance Agreement Recorded Among The Land Records Of Howard County, Maryland



HOUSE MOVED
 ~20' TO REAR,
 30' TO WELL REMAINS
 WALL CHECK OK
 MR 11/8/99

RESIDUE PROPERTY OF JAMES L. PHILLIPS AND CAROL S. PHILLIPS WIFE OF JAMES L. PHILLIPS, DECEASED. HOWARD COUNTY LAND REGISTRATION EASEMENT #1986 0781



LOT 4
 ROBERT WARFIELD PROPERTY
 LOTS 3 AND 4
 (A RESUBDIVISION OF ROBERT WARFIELD PROPERTY LOTS 1 AND 2 - PLAT NO. 13390)
 FOURTH ELECTION DISTRICT
 HOWARD COUNTY, MARYLAND
 PLAT REF 13735

FOUNDATION ELEV=500.0'

COLLINS & CARTER, INC.
 ENGINEERS & LAND SURVEYORS
 200 OFFICE PARK - 10272 BALTIMORE NATIONAL PIKE
 BELLGROVE CITY, MARYLAND 21038
 410 461 - 2855



Charles J. Crovo
 PROFESSIONAL LAND SURVEYOR
 REG. 10763
 DATE 9/20/99

HOUSE LOCATION DRAWING
 FOUNDATION LOCATION: 9/17/99
 FINAL LOCATION: _____
 BOUNDARY SURVEY: _____
 SCALE: 1"=50'
 DATE: 9/20/99
 DRAWN BY: T.P.E.
 CHECKED BY: C.C.
 PROJECT No.: 30752

PROPERTY OF HOWARD COUNTY AND THE ESTATE OF JAMES L. PHILLIPS AND CAROL S. PHILLIPS WIFE OF JAMES L. PHILLIPS, DECEASED

ENGINEER'S CERTIFICATE

I HEREBY CERTIFY THAT THIS PLAN FOR EROSION AND SEDIMENT CONTROL REPRESENTS A PRACTICAL AND WORKABLE PLAN BASED ON MY PERSONAL KNOWLEDGE OF THE SITE CONDITION AND THAT IT WAS PREPARED IN ACCORDANCE WITH THE REQUIREMENTS OF THE HOWARD SOIL CONSERVATION DISTRICT.

Zacharia Y. Kisch 5/14/99
SIGNATURE OF ENGINEER DATE

DEVELOPER'S CERTIFICATE

"I/WE CERTIFY THAT ALL DEVELOPMENT AND CONSTRUCTION WILL BE DONE ACCORDING TO THIS PLAN, AND THAT ANY RESPONSIBLE PERSONNEL INVOLVED IN THE CONSTRUCTION PROJECT WILL HAVE A CERTIFICATE OF ATTENDANCE AT A DEPARTMENT OF THE ENVIRONMENT APPROVED TRAINING PROGRAM FOR THE CONTROL OF SEDIMENT AND EROSION BEFORE BEGINNING THE PROJECT. I ALSO AUTHORIZE PERIODIC ON-SITE INSPECTION BY THE HOWARD SOIL CONSERVATION DISTRICT."

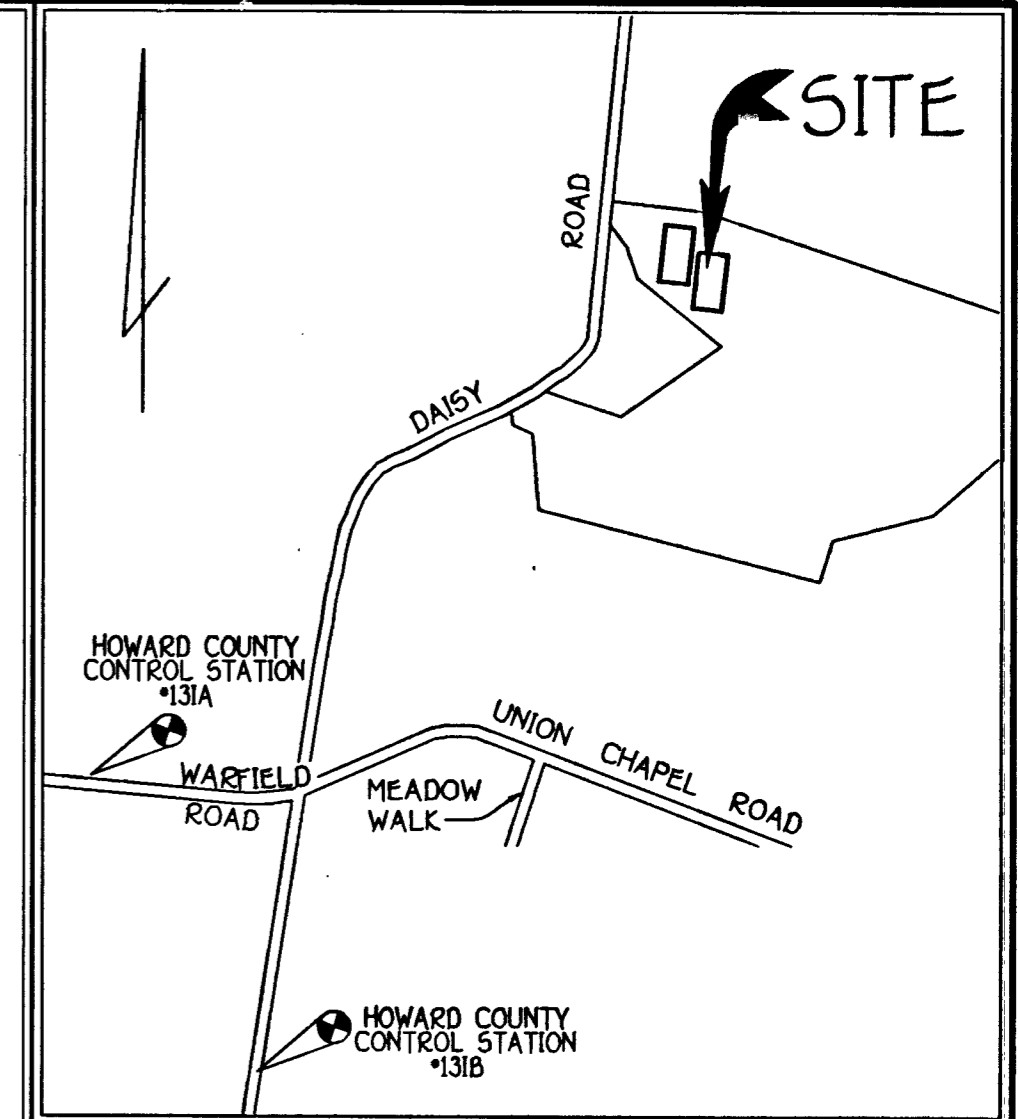
James Holps 6-2-99
SIGNATURE OF DEVELOPER DATE

REVIEWED FOR HOWARD COUNTY SOIL CONSERVATION DISTRICT AND MEETS TECHNICAL REQUIREMENTS.

Cheer Simmons 6/3/99
USDA, NATURAL RESOURCES CONSERVATION SERVICE DATE

THIS DEVELOPMENT IS APPROVED FOR SOIL EROSION AND SEDIMENT CONTROL BY THE HOWARD SOIL CONSERVATION DISTRICT.

John K. Weston 6/3/99
HOWARD SOIL CONSERVATION DISTRICT DATE



VICINITY MAP
SCALE: 1"=200'

Section 16.119(f)(3) Of The Subdivision And Land Development Regulations Allows A Single Use-In-Common Driveway For Both Lots And The Property Reside

PROPERTY OF LOUISE STUMP AND THE ESTATE OF FRANCES W. MCKINNEY
LIBER No. 2039, FOLIO 45

PROPERTY OF ROBERT M. WARFIELD
LIBER No. 2039, FOLIO 45

DAISY ROAD
(Major Collector)

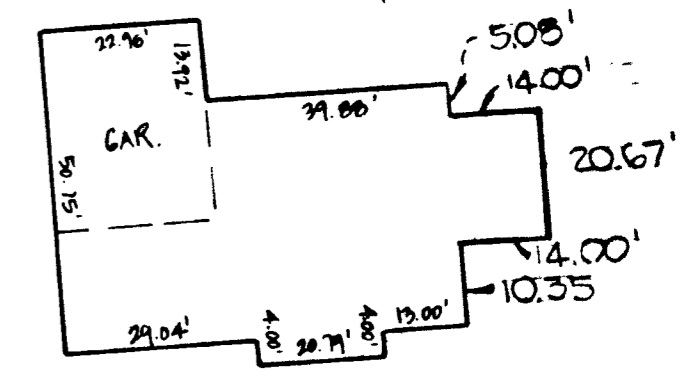
EXISTING PAVING
EXISTING PERCEPTIVE 30' WIDE RIGHT-OF-WAY

Private Use-In-Common Access Easement Across The Residue Property For The Use And Benefit Of Lots 3, 4 And The Residue Property. Maintenance Agreement Recorded Among The Land Records Of Howard County, Maryland

REVISED
Date: 7-9-99
Comments: 2531 Daisy Rd. 13001866
7/13/99 ad & sun rev
No impact to existing well or septic

GENERAL NOTES

- SEPTIC EASEMENT SUBJECT TO HOWARD COUNTY HEALTH DEPARTMENT
- PROPOSED 1500 GALLON SEPTIC TANK
- A. FIRST FLOOR ELEVATION: 500.20
B. BASEMENT ELEVATION: 491.20
C. INVERT OF SEPTIC SYSTEM AT HOUSE: 492.10
D. INVERT IN AT SEPTIC TANK: 491.50
E. INVERT OUT AT SEPTIC TANK: 491.50
F. PROPOSED GRADE OVER SEPTIC TANK: 494.00
G. INVERT AT DISTRIBUTION BOX: 491.00
H. EXISTING GROUND OVER DISTRIBUTION BOX: 494.00
- LENGTH OF TRENCH TO BE DETERMINED AT TIME OF SEPTIC PERMIT ISSUANCE.
- CONTRACTOR / BUILDER TO VERIFY ELEVATIONS IN FIELD BEFORE BEGINNING ANY CONSTRUCTION
- THERE IS NO BASEMENT SERVICE TO SEPTIC SYSTEM



FOOTPRINT
SCALE: 1"=30'

PLAN TO ACCOMPANY APPLICATION FOR BUILDING PERMIT
LOT 4
ROBERT WARFIELD PROPERTY
LOTS 3 AND 4
(A RESUBDIVISION OF ROBERT WARFIELD PROPERTY, LOTS 1 AND 2 - PLAT No. 13390)

ZONING: RC-DEO
TAX MAP No. 14 GRID #7 PART OF PARCEL No. 7
FOURTH ELECTION DISTRICT
HOWARD COUNTY, MARYLAND

SCALE: 1"=50' DATE: APRIL, 1999



PROPERTY OF HUGH E. FLAHERTY AND VIRGINIA FLAHERTY
LIBER No. 2535, FOLIO 718

FISHER, COLLINS & CARTER, INC.
CIVIL ENGINEERING CONSULTANTS & LAND SURVEYORS
CENTENNIAL SQUARE OFFICE PARK - 10272 BALTIMORE NATIONAL PIKE
ELLKOTT CITY, MARYLAND 21042
(410) 461-2825



HOWARD COUNTY HEALTH DEPARTMENT

Diane L. Matuszak, M.D., M.P.H., County Health Officer

July 31, 2000

Regional Builders
P. O. Box 2050
Ellicott City, MD 21041

RE: Robert Warfield Property – Lot 4
2531 Daisy Road
BP #: B00118661
Well Permit #: HO-94-1593

Dear Sir or Madam:

This is to advise you that the septic system for the above referenced property has been installed and inspected. Final approval of the septic system was granted on November 30, 1999.

The water sample results indicate that the water samples submitted for testing were free of coliform and fecal coliform bacteria at the time of sampling and are bacteriologically safe for drinking. The water sample results were found to be in compliance with COMAR water quality standards.

INTERIM CERTIFICATE OF POTABILITY

This certifies that the initial sampling requirements of COMAR 26.04.04 "Well Regulations" have been met for the water supply system installed under well permit #HO-94-1593. Although the submitted sample results are in compliance with COMAR standards, the Health Department does not guarantee water supplies. Based upon satisfactory investigation and evaluation, the Howard County Health Department, as authorized by the Maryland Department of the Environment accepts this well system as required by COMAR 26.04.04.

This certificate may become final upon completion of the second bacteriological test to be taken by the county health department within six months of receipt of this letter. **Please contact (410) 313-1773 to schedule a final water sample appointment.**

Date of Water Sample(s): July 28, 2000
Date of Well Completion: September 1, 1998

Approving Authority

Brian Baker

Brian Baker - Sanitarian
Water and Sewerage Program

cc: Building Inspector's Office ✓
File ✓

APPLICATION

PERCOLATION TESTING

A 511341

P _____

HOWARD COUNTY HEALTH DEPARTMENT
BUREAU OF ENVIRONMENTAL HEALTH
3525-H ELLICOTT MILLS DRIVE/ELLICOTT CITY, MARYLAND 21043
TELEPHONE: 313-2640

DISTRICT _____

DATE 1/7/98

TO: THE COUNTY HEALTH OFFICER
ELLICOTT CITY, MARYLAND

I HEREBY APPLY FOR THE NECESSARY TEST PRIOR TO APPLICATION FOR PERMIT TO CONSTRUCT (OR RECONSTRUCT) A SEWAGE DISPOSAL SYSTEM

PROPERTY OWNER Mr. James Phelps Thomas B. Carroll

ADDRESS P.O. Box 2050 3440 ELLICOTT CENTER DR. ELLICOTT CITY MD. 21041-0014 PHONE (410) 461-7997

AGENT OR PROSPECTIVE BUYER _____

ADDRESS _____ PHONE _____

PROPERTY LOCATION:

SUBDIVISION WARFIELD PROPERTY LOT NO. 2A

ROAD AND DESCRIPTION 2531 DAISY ROAD

TAX MAP 14 PARCEL # P/0 7

ADJ. PERMIT SIGNATURE

AND RETURNED 6-29-99
Serial # B10778661

SIZE OF LOT 1 AC. TYPE BLDG. S.F.D. - 4Bim
(SINGLE FAMILY DWELLING OR COMMERCIAL)

THE SYSTEM INSTALLED UNDER THIS APPLICATION IS ACCEPTABLE ONLY UNTIL PUBLIC FACILITIES BECOME AVAILABLE. I FULLY UNDERSTAND

FEE CONNECTED WITH THE FILING OF THIS PERC TEST APPLICATION IS NON-REFUNDABLE UNDER ANY CIRCUMSTANCES. I ALSO AGREE

COMPLY WITH ALL M.O.S.H.A. REQUIREMENTS IN TESTING THIS LOT. Eudorin Y. Fisch (agent)
(SIGNATURE OF APPLICANT)

APPROVED BY _____ FOR _____ DATE _____

DISAPPROVED BY _____ FOR _____ DATE _____

HOLD PENDING FURTHER TESTS _____

REASONS FOR REJECTION OR HOLDING _____

PERCOLATION TEST PLAT/PRELIMINARY PLAT - TITLE OR I.D. # _____ DATE _____

SITE DEVELOPMENT PLAN/FINAL PLAT - TITLE OR I.D. # _____ DATE _____

THIS IS NOT A PERMIT

511341

COUNTY #

SOIL PROFILE

431

0' orange / brown clay lm

4'

pink / tan / orange silty

15% shale frags

11.5'



INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE. Daisy Rd.

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME	
			START	STOP	START	STOP		
1-29-99	431	5.0'S	10:41:25	10:42:20	10:42:20	10:44:20	2min	
		11.5'D	visual ok - see profile					

REMARKS test holes staked

TYPE OF SOIL

TESTED BY Kim Maiste ALSO PRESENT Olen Ketterman

TRENCH DESIGN DATA: AVERAGE PERCOLATION TIME 2min TRENCH WIDTH

INLET DEPTH MAXIMUM BOTTOM DEPTH SQ. FT./BEDROOM 180

APPLICATION

PERCOLATION TESTING

A 51038

P _____

HOWARD COUNTY HEALTH DEPARTMENT
BUREAU OF ENVIRONMENTAL HEALTH
3525-H ELLICOTT MILLS DRIVE/ELLICOTT CITY, MARYLAND 21043
TELEPHONE: 313-2840

DISTRICT _____

DATE 5-11-98

TO: THE COUNTY HEALTH OFFICER
ELLICOTT CITY, MARYLAND

I HEREBY APPLY FOR THE NECESSARY TEST PRIOR TO APPLICATION FOR PERMIT TO CONSTRUCT (OR RECONSTRUCT) A SEWAGE DISPOSAL SYSTEM

PROPERTY OWNER _____

ADDRESS _____ PHONE _____

AGENT OR PROSPECTIVE BUYER Mr. James Phelps

ADDRESS P.O. Box 2050 3440 ELLICOTT CENTER DR. PHONE (410) 461-7997
ELLICOTT CITY MD. 21041-0014

PROPERTY LOCATION:

SUBDIVISION WARFIELD PROP. LOT NO. 2

ROAD AND DESCRIPTION DAISY ROAD

TAX MAP 14 PARCEL # P/O 7

SIZE OF LOT 1 AC. TYPE BLDG. S.F.D.
(SINGLE FAMILY DWELLING OR COMMERCIAL)

THE SYSTEM INSTALLED UNDER THIS APPLICATION IS ACCEPTABLE ONLY UNTIL PUBLIC FACILITIES BECOME AVAILABLE. I FULLY UNDERSTAND FEE CONNECTED WITH THE FILING OF THIS PERC TEST APPLICATION IS NON-REFUNDABLE UNDER ANY CIRCUMSTANCES. I ALSO AGREE TO COMPLY WITH ALL M.O.S.H.A. REQUIREMENTS IN TESTING THIS LOT.

Edmaria Y. Fisch (agent)
(SIGNATURE OF APPLICANT)

APPROVED BY _____ FOR _____ DATE _____

DISAPPROVED BY _____ FOR _____ DATE _____

HOLD PENDING FURTHER TESTS _____

REASONS FOR REJECTION OR HOLDING _____

PERCOLATION TEST PLAT/PRELIMINARY PLAT - TITLE OR I.D. # _____ DATE _____

SITE DEVELOPMENT PLAN/FINAL PLAT - TITLE OR I.D. # _____ DATE _____

THIS IS NOT A PERMIT

COUNTY #

SOIL PROFILE
403

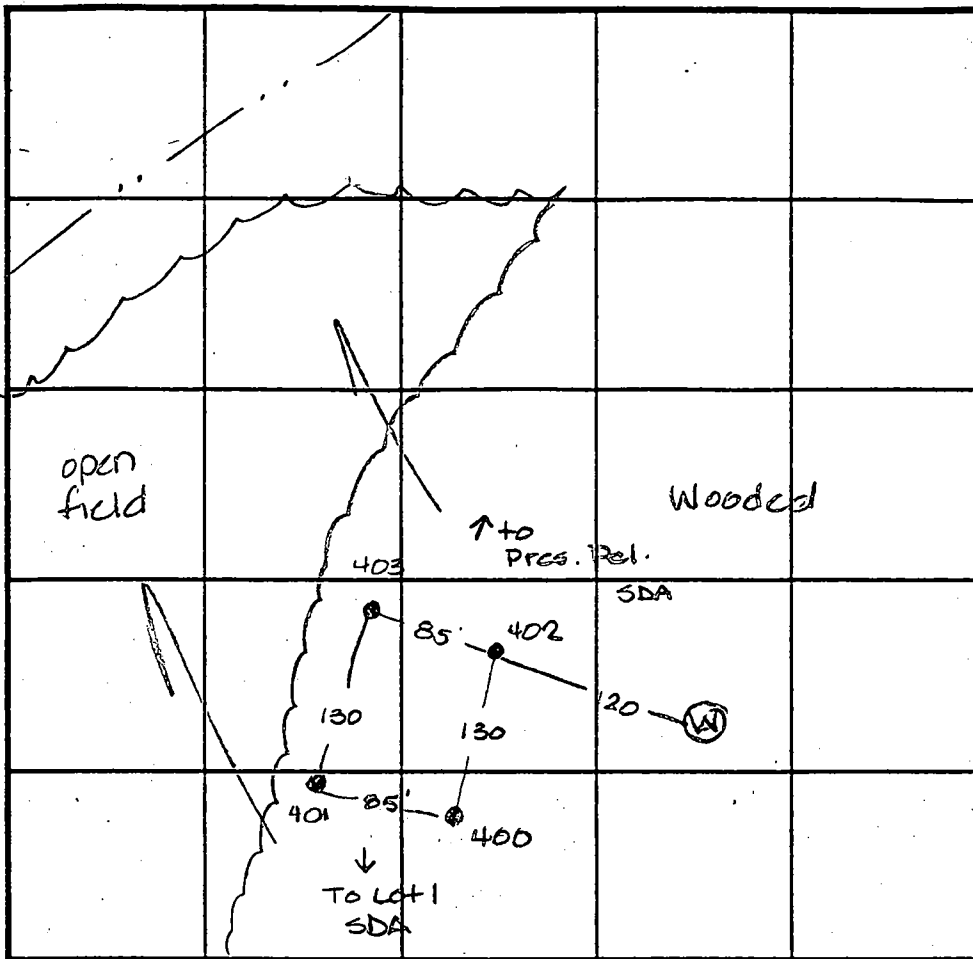
0' red brown SilM
3.0 lgt pink to orange SilM some decayed feldspar <10% Rx
13.0

402

like 403 but 20% Rx

SOIL PROFILE
401

0' red SilM
5.0 lgt brown SilM 30% Rock pockets throughout
11.5'



INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE. Daisy Road

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME
			START	STOP	START	STOP	
6-3-98	403	4.0 / V13.0	11:17	11:20	11:20	11:24	4min
	402	Visual	to 12.0 - see profile		—		OK
	400	4.5' / V12.0	11:26	11:31	11:31	11:37	6min
		8.5' / V12.0	11:26	11:29	11:29	11:33	4min
	401	6.0' / V11.5	11:32	11:34	11:34	11:40	6min

REMARKS Well site staked - OK

TYPE OF SOIL _____

TESTED BY Amy McMullen ALSO PRESENT Olsen Ketterman

TRENCH DESIGN DATA: AVERAGE PERCOLATION TIME _____ TRENCH WIDTH _____

INLET DEPTH _____ MAXIMUM BOTTOM DEPTH _____ SQ. FT./BEDROOM _____

12.0

3.0

12.0

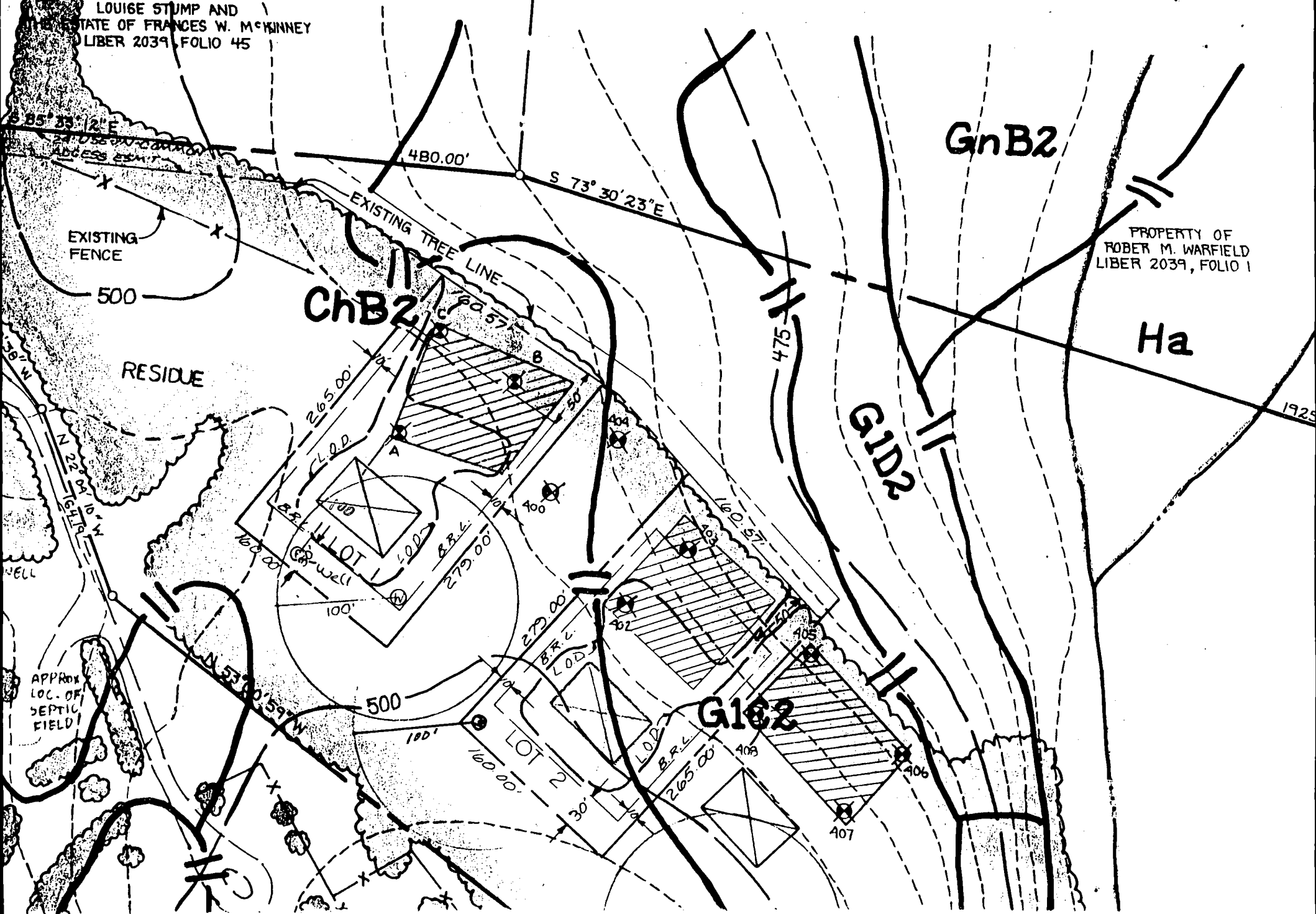
400
lgt yel tan SilM

lgt pink SilM <10% Rx

Revised Perc Cert
Signed 7-13-98

PROPERTY OF
LOUISE STUMP AND
THE ESTATE OF FRANCES W. MCKINNEY
LIBER 2039, FOLIO 45

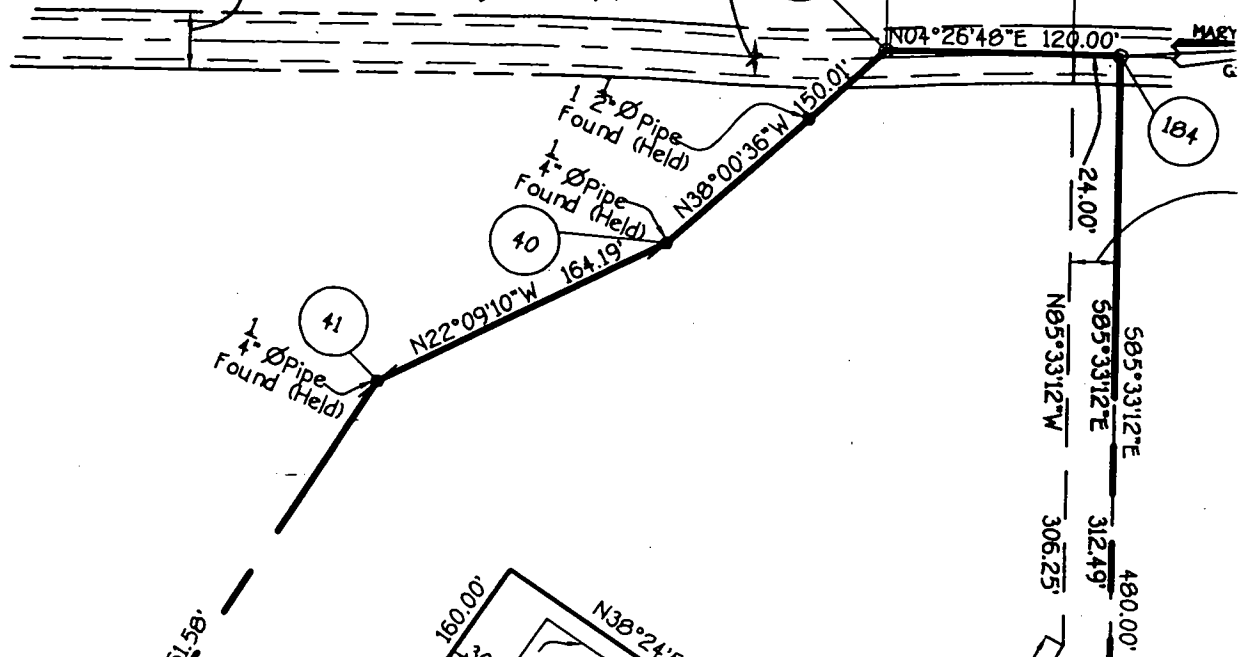
PROPERTY OF
ROBER M. WARFIELD
LIBER 2039, FOLIO 1



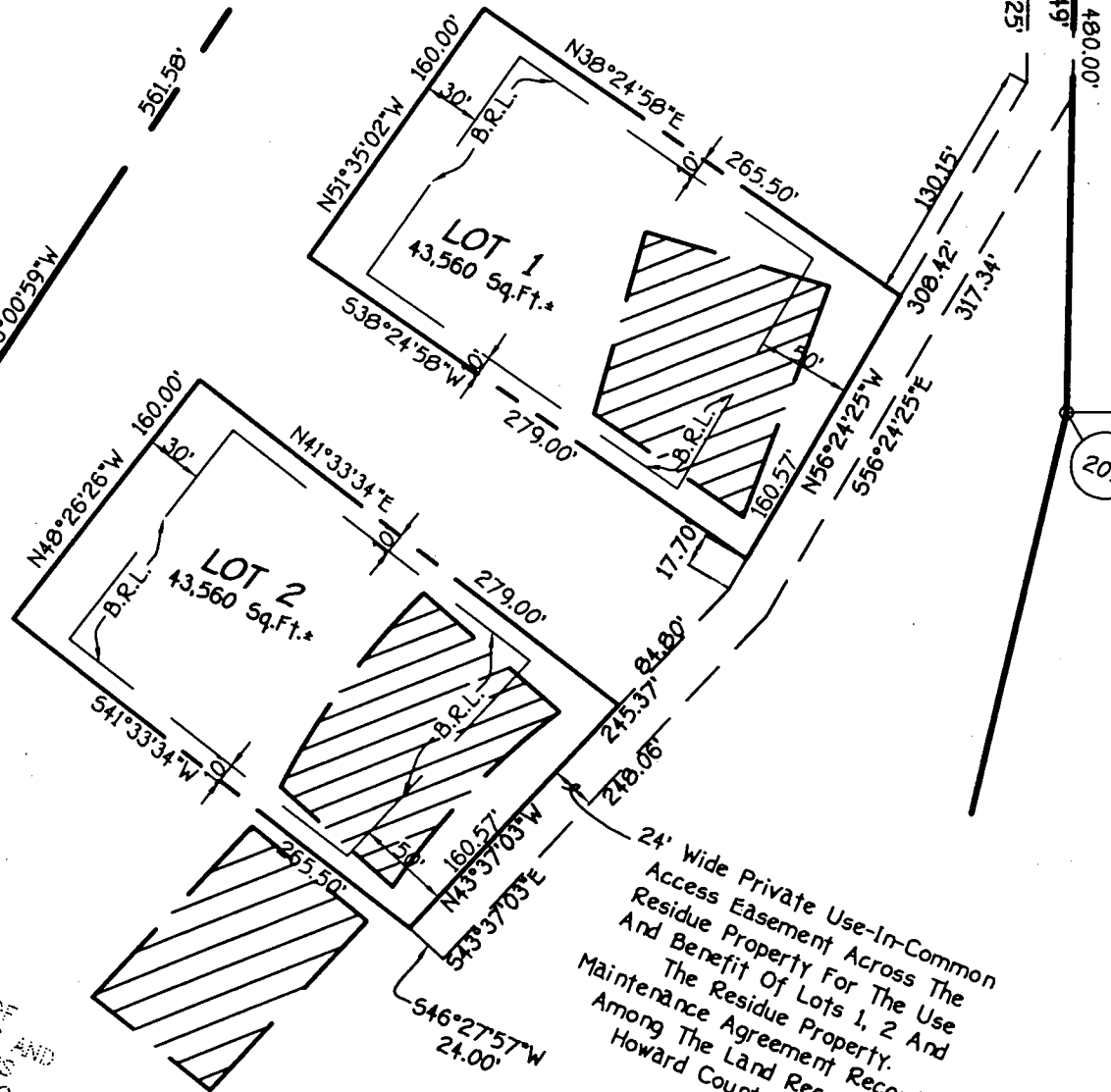
EXISTING PRESCRIPTIVE
30' WIDE RIGHT-OF-WAY

EXISTING PAVING
DAISY ROAD
(Major Collector)

Vehicular Ingress And
Egress Is Restricted



PROPERTY OF
HUGH E. FLAHERTY AND
VIRGINIA FLAHERTY
R No. 2535, FOLIO 718



24' Wide Private Use-In-Common
Access Easement Across The
Residue Property For The Use
And Benefit Of Lots 1, 2 And
The Residue Property.
Maintenance Agreement Recorded
Among The Land Records Of
Howard County, Maryland

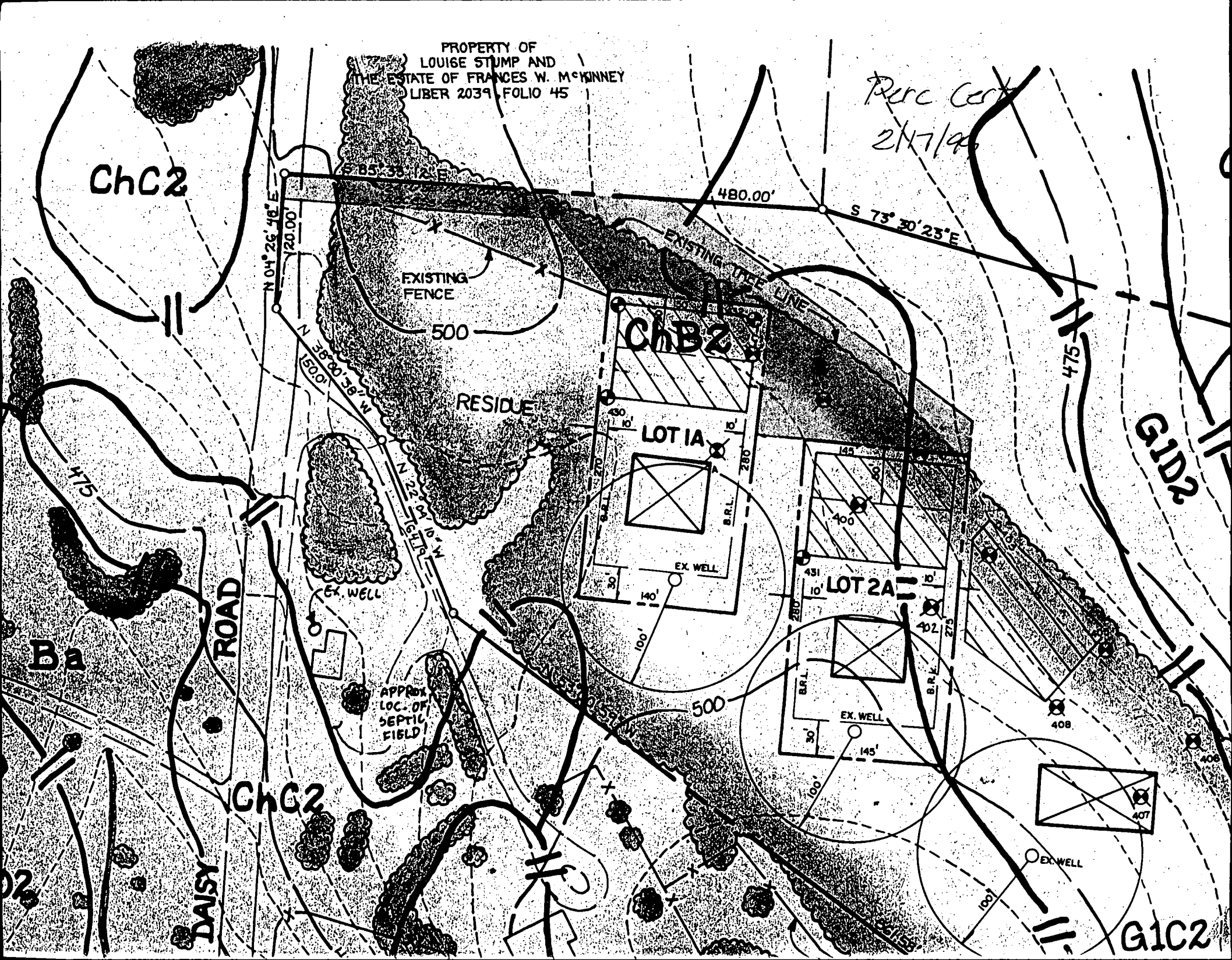
RESIDUE
PROPERTY OF
JAMES L. PHELPS AND
LIBER CORA S. PHELPS
LIBER No. 4443, FOLIO 358
(MAP: B, PARCEL: 7 OF THE
HOWARD COUNTY LAND PRESERVATION
EASEMENT #H098-02E)

c/o Registrar
DEVELOPER

F-99-06

PROPERTY OF
LOUISE STUMP AND
THE ESTATE OF FRANCES W. MCKINNEY
LIBER 2039, FOLIO 45

Perc Cert
2/17/96



ChC2

ChB2

RESIDUE

LOT 1A

LOT 2A

Ba

DAISY ROAD

ChC2

G1D2

G1C2

EXISTING FENCE

EXISTING TREE LINE

APPROX
LOC. OF
SEPTIC
FIELD

EX. WELL

EX. WELL

EX. WELL

407

408

409

N 04° 26' 40" E
120.00'

N 38° 00' 38" W
150.00'

N 22° 18' 19" W
150.00'

S 85° 36' 12" E

480.00'

S 73° 30' 23" E

475'

36'

10'

280'

10'

30'

140'

100'

500'

145'

10'

280'

10'

30'

145'

100'

500'

100'

100'

100'

DAISY
(Major Collector)

Subdivision And Land Development
Regulations Allows A Single Use-
In-Common Driveway For Both Lots
And The Property Residue

PROPERTY OF
LOUISE STUMP AND THE ESTATE OF
FRANCES W. MCKINNEY
LIBER No. 2038, FOLIO 45

N 595.750
N 191.584.9632
(METERS)
E 1,295.000
E 394.716.7895
(METERS)

PROPERTY OF
ROBERT M. WARFIELD
LIBER No. 2038, FOLIO 1

Private Use-In-Common Access
Easement Across The Residue
Property For The Use And
Benefit Of Lots 3, 4 And The
Residue Property.
Maintenance Agreement Recorded
Among The Land Records Of
Howard County, Maryland

R-99-153

Lot Line
Abandoned By
Recordation Of
This Plat

LOT 3
43,560 Sq.Ft.*

LOT 4
43,560 Sq.Ft.*

RESIDUE
PROPERTY OF
JAMES L. PHELPS AND
CORR S. PHELPS
LIBER No. 4443, FOLIO 356
(MAP: B, PARCEL: 7 OF THE
HOWARD COUNTY LAND PRESERVATION
EASEMENT #H036-02E)

DEVELOPER

Mr. James Phelps
c/o Regional Underwriters Service Company
P.O. Box 2050

FISHER, COLLINS & CARTER, INC.
CIVIL ENGINEERING CONSULTANTS & LAND SURVEYORS

CENTENNIAL SQUARE OFFICE PARK - 10272 BALTIMORE NATIONAL PIKE

